



NFWF

“Five Star and Urban Waters” 2017 Grant Slate

NFWF CONTACTS

Carrie Clingan

Program Director,
Community Stewardship
and Youth
carrie.clingan@nfwf.org
202-595-2471

Daniel Bowater

Coordinator,
Community-Based
Conservation Programs
daniel.bowater@nfwf.org
202-595-2434



**Southern
Company**

ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) protects and restores our nation’s fish and wildlife and their habitats. Created by Congress in 1984, NFWF directs public conservation dollars to the most pressing environmental needs and matches those investments with private funds. Learn more at www.nfwf.org

NATIONAL HEADQUARTERS

1133 15th Street NW
Suite 1000
Washington, DC 20005
202-857-0166



Community members plant native plants at South Shore Beach in Chicago, Illinois.

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) is pleased to announce the 2017 Five Star and Urban Waters grant recipients. Major funding is provided by the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Forest Service, FedEx and Southern Company. The goal of this grant program is to develop community capacity to sustain local natural resources for future generations by providing modest financial assistance to diverse local partnerships for wetland, forest, riparian and coastal habitat restoration, as well as stormwater management, outreach and stewardship with a focus on water quality, watersheds and the habitats they support.

ALABAMA

Upper Village Creek Tree Canopy Restoration (AL)

Grantee: The Nature Conservancy

The Nature Conservancy will restore 1.7 acres and perform invasive plant removal along 1,000 linear feet of streambank at Village Creek. The grantee and project partners will engage the community in restoring Birmingham, Alabama’s tree canopy and enhancing local air and water quality. Project partners include the City of Birmingham, Cawaco RC&D Council Inc., Ruffner Mountain Nature Preserve, and Village Creek Human and Environmental Justice Society.

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate



FedEx volunteers partake in a crayfish removal program in Los Angeles County, California.

Irondale Riverwalk Restoration (AL)

Grantee: Freshwater Land Trust

The Freshwater Land Trust will restore, stabilize and replant a 0.18-acre riparian buffer to enhance water quality and stabilization of the Cahaba River in eastern Jefferson County, Alabama. The grantee and project partners will remove invasive species, establish native species and enhance riparian areas to increase local biodiversity and improve recreational opportunities for the local community. Project partners include the City of Irondale, Cahaba Blueway Partners, Church of Highlands, Cahaba River Society and Grow Irondale.

Cahaba River Assessment, Education and Restoration Program (AL)

Grantee: Cahaba Riverkeeper

Cahaba Riverkeeper will reforest 4 acres along two riparian sections of the Cahaba River with locally sourced trees planted by 200 volunteers, expand a water quality testing and drought damage assessment program to benefit 131 rare and endangered fish populations on the river, and implement a conservation education program targeting disadvantaged youth and educators in the region. Project partners include Cahaba Environmental Center, the University of Alabama at Birmingham (UAB), UAB's Deep South Center for Occupational Health and Safety, the U.S. Fish and Wildlife Service, Friends of the

Cahaba River National Wildlife Refuge, Birmingham Botanical Gardens and more.

ARKANSAS

Initiating Community Stewardship through Watershed Discovery (AR)

Grantee: Beaver Watershed Alliance

Beaver Watershed Alliance will address rapid land use change by installing five green infrastructure demonstration sites in public places for stormwater management and wildlife habitat creation for monarch butterflies and other wildlife habitat, remove invasive plant species and develop a conservation plan for 97 acres of upland urban forest, establish 20 acres of riparian forest along 4 miles of tributaries, and increase community engagement in the impaired Town Branch watershed in Fayetteville, Arkansas. Project partners include the cities of Greenland and Fayetteville, the Arkansas Game and Fish Commission – Stream Team, the University of Arkansas, the U.S. Army Corps of Engineers, Washington County Environmental Affairs and more.

CALIFORNIA

Ballona Creek Watershed Youth Leadership Program (CA)

Grantee: Los Angeles Audubon Society

Los Angeles Audubon Society will engage approximately

(continued)



Five Star and Urban Waters Restoration Program 2017 Grant Slate

2,500 underserved youths and hundreds of community volunteers in educational and habitat restoration activities throughout the Ballona Creek watershed. The grantee and project partners will educate students on the watershed through field trips, an after-school environmental leadership program, a youth summit, and hands-on restoration of 2 acres of coastal sage scrub and 7.7 acres of beach habitat – benefiting wildlife and improving watershed health. Project partners include California State Parks, Los Angeles County Parks, Baldwin Hills Conservancy, UCLA, West LA College Ecoclub and others.

Restoring Coastal Prairie to Protect and Promote Ecological and Cultural Resources (CA)

Grantee: Amah Mutsun Land Trust

Amah Mutsun Land Trust will restore 10 acres of sensitive coastal prairie in the Whitehouse Creek watershed to increase the abundance of native plant species and enhance habitat for the endangered San Francisco garter snake and federally threatened California red-legged frog. The grantee and project partners will provide jobs for nine youths of the Amah Mutsun Tribal Band, reduce fire danger, protect cultural resources, deliver outreach to 85 community members, remove invasive plants and reintroduce native plants. Project partners include the California Department of Parks and Recreation, Sempervirens Fund, the Amah Mutsun Land Trust, Amah Mutsun Tribal Band and UC Santa Cruz.

From Foothills to Bay: Fostering Urban Youth as San Francisco Watershed Caretakers (CA)

Grantee: Audubon California

Audubon California will introduce at-risk youth to the importance of watersheds in the highly urbanized San Francisco estuary by implementing methods to track the health of creeks and coordinating with community groups on clean-ups, invasive plant removal and planting 200 native trees. The grantee and project partners will establish outreach through public schools, engage 140 volunteers and conduct local events to increase awareness and action in watershed conservation. Project partners include Audubon California, San Pablo Bay National Wildlife Refuge, Vallejo City Unified School District, Richardson Bay Audubon Center & Sanctuary, and others.

COLORADO

Southern Colorado Natural Landscapes Youth and Adult Volunteer Environmental Stewardship Program (CO)

Grantee: Rocky Mountain Field Institute

Rocky Mountain Field Institute will engage 75 to 100 youths in on-the-ground stewardship and restoration projects to conserve wildlife habitat that will benefit white-tailed deer and various bird species in the Pikes Peak region of southern Colorado. The grantee and project partners

will remove 2 acres of Mexican locust and other invasive plant species and restore 20 acres of riparian habitat through erosion control, hillslope stabilization and trail improvement projects to reduce sedimentation from slopes and gullies. Project partners include Pikes Peak Community Foundation, the City of Colorado Springs, Mountain Chalet and Friends of Garden of the Gods.

Investigation of Degraded Sites and Riparian Restoration along South Platte River (CO)

Grantee: Metropolitan State University of Denver

Metropolitan State University of Denver will engage around 30 high school and college students to improving water quality and fish populations along the South Platte River through the Denver metro area. The grantee and project partners will monitor six identified sites with degraded water quality to determine sources of impairments, teach students proper sampling techniques, generate data to characterize the health of the river and finally design restoration plans to help mitigate water quality degradation along one acre of habitat. Project partners include the One World One Water Center, Englewood Public Schools, South Platte Park, Denver Botanic Gardens, and the Colorado Department of Public Health and Environment.

FLORIDA

East Greynolds Park Mangrove Habitat Restoration (FL)

Grantee: Museum of Science, dba Miami Science Museum

Museum of Science, dba Miami Science Museum will restore 3.44 acres of degraded mangrove habitat critical to native fauna, including the endangered American crocodile and West Indian manatee, at Greynolds Park in Miami-Dade County. The grantee and project partners will engage 400 volunteers to restore natural ground elevation by removing large invasive plants and replanting native saltwater wetland plants, enhancing public green spaces and mitigating against coastal erosion. Project partners include Miami-Dade County, The Mission Continues, Overtown Youth Center, the Patricia and Phillip Frost Museum of Science and Palmer Trinity School.

Citizen Science and Community-based Restoration for the Coastal Dune Lakes of Walton County (FL)

Grantee: Northwest Florida State College Foundation

The Northwest Florida State College Foundation will improve 70 acres of aquatic habitat and restore 4 acres of dune habitat. The grantee and project partners will expand awareness of the globally rare, critically imperiled coastal dune lakes of Walton County, Florida. Project partners include the Mattie M. Kelly Environmental Institute, the Walton County Board of County Commissioners and Silver Sands School.

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate



Trees Atlanta and community members plant saplings along South Fork Peachtree Creek in Decatur, Georgia.

GEORGIA

Creekside Trail Restoration and Education at Stroud Elementary (GA)

Grantee: Howard B. Stroud Elementary School
Howard B. Stroud Elementary School will restore a three-quarter-mile creekside trail, 4,500 linear feet of riparian habitat and 48 acres of surrounding forest to directly improve water quality and aquatic and terrestrial habitat. The grantee and project partners will provide learning opportunities to Stroud Elementary students and the local community in water quality monitoring and protection, plant and animal life, and wetland function, as well as educational and career opportunities in the environmental field. Project partners include Clarke County District, Watershed UGA, Athens-Clarke County Stormwater, the Chicopee-Dudley Neighborhood Association and USDA's Natural Resources Conservation Service.

Beech Haven Restoration through Athens Youth Conservation Stewards (GA)

Grantee: Athens Land Trust
Athens Land Trust will establish a corps of Athens Youth Conservation Stewards (AYCS) to remove woody invasive species on 25 acres and improve wildlife habitat and water

quality. The grantee and project partners will provide teens from underserved communities with employment experience and leadership skills while improving an important public space in their community. Project partners include Athens-Clarke County Unified Government, Oconee River Greenway Commission, Great Promise Partnership, Keep Athens-Clarke County Beautiful and the Oconee Rivers Audubon Society.

Urban Stewardship and Restoration for Proctor and Uttoy Watersheds (GA)

Grantee: EcoAddendum
EcoAddendum will restore 6.2 acres of floodplain and Piedmont mesic hardwood forest, 4,350 linear feet of streambank and 100 feet of riparian vegetation in the Proctor Creek watershed in western Atlanta. The grantee and project partners will implement restoration planning, on-the-ground community-based habitat restoration and educational outreach to help manage stormwater runoff, improve habitat connectivity and promote an environmentally-aware citizenry. Project partners include the City of Atlanta, Beech Hollow Farms, Park Pride, Hauser Consulting and Trees Atlanta.

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate

Urban Gardens and Wetland

Restoration at Gwinnett Technical College (GA)

Grantee: Gwinnett Tech Foundation

Gwinnett Tech Foundation will protect and restore 0.9 acres of existing wetlands on the campus of Gwinnett Technical College in Lawrenceville, Georgia in metro Atlanta. The grantee and project partners will engage students, staff and the community in capturing and treating stormwater runoff and protecting downstream waters. Project partners include Gwinnett Tech Foundation, Gwinnett County Department of Water Resources, Gwinnett County Public Schools and Gwinnett Coalition.

Restoring Bird-friendly Habitat at Blue Heron Nature Preserve (GA)

Grantee: Atlanta Audubon Society

Atlanta Audubon Society will replace invasive species with native, bird-friendly plants on 3 acres and conduct avian surveys at the Land O' Lakes unit of Blue Heron Nature Preserve. The project will engage 50 volunteers and 300 participants in educational outreach and provide quality foraging, nesting and stopover habitat for birds in metro Atlanta. Project partners include Rock Springs Restoration, Greening Youth Foundation, Georgia Native Plant Society, the Amphibian Foundation and the National Audubon Society.

Marsh Protection Promenade (GA)

Grantee: Savannah Tree Foundation

Savannah Tree Foundation will improve 70 yards of marshline and tidal creek water quality, filter 1.7 acres of stormwater runoff and reduce erosion on the campus of Savannah State University in Chatham County, Georgia. The project will augment both the immediate and long-term health of coastal marsh habitat and provide educational and recreational benefits to the local community. Project partners include Savannah State University, One Hundred Miles, Healthy Savannah and the Town of Thunderbolt.

IDAHO

Boise Multicultural Habitat Enhancement (ID)

Grantee: Land Trust Treasure Valley

Land Trust Treasure Valley will engage youth and adults through a multicultural volunteer stewardship program in developing and implementing a five-year plan to restore sustainable bird and non-game wildlife habitat on 12 acres of weed-dominated upland shrub and grassland near the Boise River in Boise, Idaho. The grantee and project partners will engage 700 volunteers in restoring native vegetation by removing weeds and cultivating and planting native plants. Project partners include the City of Boise, Idaho Weed Awareness Campaign, Partners for Clean Water, Wetlands Group, LLC, Idaho Fish and Game, the Bird by Bird Program and more.

Middle Bear River

Restoration and Livestock Exclusion (ID)

Grantee: Franklin Soil and Water Conservation District

Franklin Soil and Water Conservation District will exclude 9,745 feet of the Bear River from livestock access and restore 3,600 feet of highly eroding streambank to benefit Bonneville cutthroat trout. The grantee and project partners will engage more than 50 community members to stabilize erodible streambanks and reestablish riparian habitat by implementing fencing, planting native plants and removing invasive plants. Project partners include Franklin County High School, USDA's Natural Resources Conservation Service, Idaho Soil & Water Conservation Commission and a local landowner.

INDIANA

Community-Based Habitat

Restoration along the Fall Creek Waterway (IN)

Grantee: Keep Indianapolis Beautiful

Keep Indianapolis Beautiful will engage 20 college students and 500 volunteers in habitat restoration and education to improve native habitat along the Fall Creek Waterway in Indianapolis. The grantee and project partners will restore 20 acres of habitat by removing invasive plant species such as Asian bush honeysuckle and Asian mulberry and replant the area with native vegetation. Project partners include the City of Indianapolis, Butler University, Reconnecting to Our Waterways, Mapleton Fall Creek Development Corporation, Eli Lilly and Company, and the Nina Mason Pulliam Charitable Trust.

LOUISIANA

The Rain Garden Program: Managing Stormwater through Youth Green Infrastructure Skills Training (LA)

Grantee: Groundwork New Orleans

Groundwork New Orleans will implement rain garden projects in underserved New Orleans neighborhoods by installing four raingardens, planting 100 trees and native vegetation, and identifying and implementing other best management practices to mitigate flooding in communities. Additionally, the program will implement a trash and litter prevention campaign and provide youth with hands-on job training and mentorship opportunities. Project partners include Global Green, Batture, LLC, GAEA Consultants, the Network for Economic Opportunity and others.

MARYLAND

People and Pollinators at Masonville Cove (MD)

Grantee: Living Classrooms Foundation

Living Classrooms Foundation will increase native habitat for native pollinators, including the threatened monarch butterfly across 54 acres, by planting 5,000 plants and collecting 800 pounds of trash from the Patapsco River

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate



Volunteers remove invasive water chestnut on the Charles River in Boston, Massachusetts.

watershed. The grantee and project partners will engage 1,500 local South Baltimore residents, with a specific focus on the Latino population, in urban watershed education and conservation activities at the Masonville Cove Environmental Education Center. Project partners include Living Classrooms Foundation, the National Aquarium, Maryland Port Administration, Ben Franklin High School, Templo de Alabanza y Restauracion Church of God and others.

MASSACHUSETTS

Trees: Providing Ecosystem Benefits and Community Engagement Opportunities in Somerville (MA)

Grantee: Mystic River Watershed Association
Mystic River Watershed Association will organize a comprehensive tree planting and maintenance project that will directly engage 160 community members to increase tree planting, mitigate stormwater runoff and improve habitat in Somerville, Massachusetts. The grantee and project partners will involve 160 community members in planning for tree plantings, and apply GIS and other analytical tools to identify sites that promise the best

results in energy reduction, stormwater benefit and habitat improvement. Project partners include East Somerville Main Streets, Groundwork Somerville, the City of Somerville, The Mystic River Watershed Association, Somerville Climate Action, Partners Healthcare and The Nature Conservancy.

Abbey Brook Watershed Restoration and Youth Green Steward Expedition Initiative (MA)

Grantee: Regreen Springfield
Regreen Springfield will engage 20 community members and 10 students in restoring 4.2 acres of the Abbey Brook watershed to improve habitat for macroinvertebrates, reptiles and amphibians, as well as enhance stream bed resiliency and water quality. The grantee and project partners will repopulate area with native plants, remove trash and debris, stabilize stream bank to improve erosion control and monitor water quality. Project partners include Mount Holyoke College, USDA's Forest Service Northern Research Station, Springfield Museums, Keep Springfield Beautiful and more.

(continued)



Five Star and Urban Waters Restoration Program 2017 Grant Slate

MICHIGAN

Grand River Rainscaping Program: Treating Urban Stormwater Naturally (MI)

Grantee: Grand Valley Metro Council

Grand Valley Metro Council will introduce, educate and certify 150 volunteer community members in Kent County, Michigan to restore impervious urban landscapes with native vegetation and install green infrastructure to treat stormwater naturally on over 3,200 square feet in three subwatersheds that drain to the Grand River and Lake Michigan. Project partners include Grand Valley Metro Council, Lower Grand River Organization of Watersheds, Trout Unlimited, Plaster Creek Stewards, City of Grand Rapids and others.

MINNESOTA

Community Conservation Action for Three Park Sites on the Mississippi River (MN)

Grantee: Mississippi Park Connection

Mississippi Park Connection will engage over 1,000 volunteers to plant 4,000 cottonwood and ash trees and restore 22 acres of critical wildlife habitat in floodplain areas of the Mississippi River. Project partners include Mississippi Park Connection, the National Park Service, the City of Saint Paul, Three Rivers, Dakota County and more.

Urban Mississippi River Corridor Habitat Restoration and Monitoring Program (MN)

Grantee: Friends of the Mississippi River

Friends of the Mississippi River will engage community volunteers and local schools to restore 117 acres of native habitat along the Mississippi River in the Minneapolis and St. Paul region. The grantee and project partners will build community capacity for long-term ecological management of six urban sites by conducting restoration activities included in regional park master plans and local natural resource management plans and by building relationships with high school teachers and students to conduct wildlife monitoring of sites during and after restoration. Project partners include Minneapolis Park & Recreation Board, the City of St. Paul, Minnesota Department of Natural Resources, Harding High School and Outdoor World Learning School.

MISSOURI

Urban Vitality and Ecology Neighborhood Green Space Program (MO)

Grantee: City of St. Louis

The City of St. Louis will connect north St. Louis residents to nature through the strategic conversion of underutilized land into new community green spaces. The grantee and project partners will engage 100 volunteers and increase equitable access to nature, provide wildlife habitat for pollinators and migratory birds, support youth jobs and address stormwater

overflow through implementation of green infrastructure best management practices. Project partners include the City of St. Louis, Missouri Department of Conservation, Missouri Botanical Garden, Baden and Wells Goodfellow neighborhood associations, Brightside St. Louis and others.

MONTANA

Westfork Gallatin Watershed Restoration (MT)

Grantee: Greater Yellowstone Coalition

Greater Yellowstone Coalition will engage 60 volunteers in restoring 90 miles of riparian habitat in the West Fork watershed in southwestern Montana, home to native westslope cutthroat trout. The grantee and project partners will remove non-native and hybrid fish, restore headwater tributary habitat, reintroduce westslope cutthroat trout and educate local residents about the importance of the habitat. Project partners include Montana Fish, Wildlife & Parks, Yellowstone Club, the Greater Yellowstone Coalition, Gallatin River Task Force, CusterGallatin National Forest and more.

Rock Creek Confluence Habitat Restoration and Education Partnership (MT)

Grantee: Five Valleys Land Trust

Five Valleys Land Trust will restore 112 acres of degraded grassland and riparian habitat, home to bull trout and westslope cutthroat trout, at the confluence of Rock Creek and the Clark Fork River in Missoula County, Montana. The grantee and project partners will engage 550 community members, including youth groups and adults, in nature-based education, hands-on restoration and the development of a trail, and interpretive signs to enhance learning opportunities for visitors. Project partners include the Montana Natural History Center, Clark Fork Coalition, local schools and the University of Montana Bird Ecology program.

NEVADA

Fostering Stewardship in Urban Communities through Native Habitat Education Programs (NV)

Grantee: Outside Las Vegas Foundation

Outside Las Vegas Foundation will expand an existing Schoolyard Native Habitat program to restore 7 acres of native habitat for monarch butterflies and desert tortoise in urban Las Vegas. The grantee and project partners will engage approximately 1,000 underserved youths through 30 education programs and 10 field trips. Project partners include the Outside Las Vegas Foundation, Friends of Red Rock Canyon, Clark County School District, Boys and Girls Clubs of Southern Nevada and more.

NEW YORK

A Tree Grows in the Bronx (NY)

Grantee: Bronx River Alliance

Bronx River Alliance will control invasive plant species such

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate



Friends of Van Cortlandt Park engage the Bronx community through water level monitoring at Tibbett's Brook, New York.

as Japanese knotweed and restore native habitat through planting native trees such as American sycamore, sugar maple and sweet gum, as well as native shrubs such as button bush, silky dogwood, pussy willow and others in 1.4 acres of the Bronx Forest. The grantee and project partners will engage students in learning about trees and the forest ecosystem in the classroom and in the field in addition to empowering community volunteers to take an active role in restoring the Bronx Forest native ecology. Project partners include New York City Parks, the New York Botanical Garden, Bronx Community Charter School, Bronx House and Bronx River Alliance.

Groundwork Buffalo and Iroquois National Wildlife Refuge: Engaging Urban Conservationists (NY)

Grantee: Groundwork Buffalo

Groundwork Buffalo will engage youth in learning about native habitats, water systems and waterway connectivity, while working on habitat restoration projects such as invasive species removal, water culvert assessments and a half acre stormwater management and beautification demonstration project. The grantee and project partners

will revitalize parts of Buffalo within Willert Park and a portion of the adjacent Central Business District, and involve an educational component at the Iroquois National Wildlife Refuge. Project partners include Groundwork Buffalo, Iroquois National Wildlife Refuge, Michigan Street African American Heritage Corridor, Friends of Iroquois National Wildlife Refuge, Great Lakes Experience and others.

The Hudson River Park Plastic Marine Debris Removal and Education Program (NY)

Grantee: Friends of Hudson River Park

Friends of Hudson River Park will improve 400 in-water acres of the Hudson River Park with shoreline cleanup events with 30 community volunteers who will remove hundreds of pounds of macro-debris and microplastics. The grantee and project partners will establish a community volunteer marine debris cleanup program that will analyze materials collected from shoreline and in-water cleanup and form a marine debris education curriculum to be offered among the park's K-12 environmental education programs. Project partners include Hudson River Park Trust, the Student Conservation Association, Brooklyn College, local

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate



Youth perform a macroinvertebrate study at Wallkill River National Wildlife Refuge in New York.

K-12 schools and community youth organizations, Hudson River Community Sailing and others.

NORTH CAROLINA

Town of Hillsborough Public Works Relocation and Eno River Restoration (NC)

Grantee: Piedmont Conservation Council
Piedmont Conservation Council will conduct a 2-acre ecological restoration project to protect and enhance 650 feet of the Eno River Neuse watershed, as it flows along the town of Hillsborough's Public Works Facility. The grantee and project partners will remove debris and impervious surfaces in a floodplain, establish 1.5 acres of riparian habitat and perform reforestation, invasive species removal and site monitoring. Project partners include Orange County Soil & Water Conservation District, Eno River Association, Elon University & the Town of Hillsborough Council, Stormwater & Environmental Manager, and community volunteer support.

NORTH DAKOTA

Red River Urban Stewardship Network (ND)

Grantee: Audubon Dakota
Audubon Dakota will engage 3,000 students and community members in improving 72.6 acres of habitat for western meadowlark, gray partridge, bald eagle, purple martin, lark sparrow, barred and screech owl, wood duck, blue teal, spotted sandpaper, great blue heron, and woodpecker and

migrating warbler species at Lion's Conservancy nature park in Fargo, North Dakota. The grantee and project partners will establish pollinator plots, reduce invasive species and promote erosion control along Red River riparian areas. Project partners include Audubon Dakota, Fargo Parks Department, Prairie Restorations, Inc. and North Dakota Natural Resources Trust.

OHIO

Revitalizing Akron's Summit Lake through Environmental Assessment, Park Planning, and Engagement (OH)

Grantee: The Trust for Public Land
The Trust for Public Land will engage 300 community members in assessing, monitoring and developing plans for a 174-acre project site at Summit Lake and its surrounding landscape in Akron, Ohio. The grantee and project partners will revitalize an overgrown area with low water quality and underused access to quality green space for the nearby low-income community, and remediate Akron's freshwater aquatic habitat resources to benefit largemouth bass, bream, bluegill, crappie, redear sunfish, catfish and other species. Project partners include the City of Akron, the Knight Foundation, Ohio and Erie Canalway Coalition, Summit Metro Parks, Ohio Ornithological Society and others.

Removing Impervious

Surface in the Doan Brook/Lake Erie Watershed (OH)

Grantee: Cuyahoga River Community Planning Organization
Cuyahoga River Community Planning Organization will remove approximately 2,000 square feet of impervious parking lot in an underserved neighborhood and replace it with a rain garden of native trees and plants that will reduce stormwater runoff, improve water quality and enhance wildlife habitat in the Doan Brook watershed in Cleveland. The grantee and project partners will train community members to design and implement green infrastructure to create new green spaces and educate residents about the benefits of green infrastructure. Project partners include Cuyahoga River Community Planning, Doan Brook Watershed Partnership, St. Luke's Foundation, Cuyahoga Soil & Water Conservation District and more.

OREGON

Willamette Riverbank Riparian Habitat Restoration and Management (OR)

Grantee: Oregon Museum of Science and Industry
The Oregon Museum of Science and Industry will restore a half-mile section of shoreline at the museum, located on the Willamette River in Portland, Oregon. The grantee and project partners will develop a riverbank restoration and management plan for the half-mile shoreline, implement Phase I of the plan by removing invasive plants and planting

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate

natives, engage community members with restoration and volunteer events, and develop riparian habitat and water quality demonstrations at the museum. Project partners include the U.S. Fish and Wildlife Service, East Multnomah Soil and Water Conservation District, the City of Portland's Bureau of Environmental Services, Portland Community College and SOLVE.

Jade District Greening (OR)

Grantee: Willamette Partnership

Willamette Partnership will build systems needed to move from five to eight initial community greening action projects to a scale that will reduce exposure to pollutants and improve water quality in East Portland's Jade District. The project will build community capacity to engage in restoration and create a framework to track and communicate the development and environmental benefits of tree canopy and greenspaces. Project partners include the Asian Pacific American Network of Oregon, Willamette Partnership, the Portland Bureau of Environmental Services, Depave, Friends of Trees and others.

Kellogg Creek Wetland Restoration and Community Planning and Outreach (OR)

Grantee: The Wetlands Conservancy

The Wetlands Conservancy will restore 23.4 acres of existing wetland habitat at Hearthwood and Minthorn preserves, which have been heavily impacted by flooding, water quality concerns and habitat degradation and identify 10 acres of new wetland enhancement and creation projects. The grantee and project partners will build community interest and involvement in improving the ecological functions of Kellogg Creek through field trips, community forums, citizen science and information exchanges. Project partners include The Wetlands Conservancy, North Clackamas Urban Watershed Council, Clackamas County Water Environment Services, Kingfisher Ecological Services and Clackamas United Church of Christ.

PENNSYLVANIA

Increasing Tree Canopy in the City of Lancaster (PA)

Grantee: City of Lancaster

City of Lancaster will plan and coordinate a city-wide tree-planting campaign in Lancaster, Pennsylvania to increase the urban tree canopy. The project will plant a 2-acre riparian buffer along the Conestoga Creek and 280 trees citywide. The grantee and project partners will improve water quality in the Conestoga River Watershed and inform the public about trees and their benefits to encourage increased planting. Project partners include Lancaster County Conservancy's Lancaster Tree Tenders, the City of Lancaster, Lancaster City Alliance, Penn State Agriculture and Environment Center's Lower Susquehanna Initiative, Octoraro Nursery and the School District of Lancaster.

Philly Wild: Developing a Corridor of Habitat (PA)

Grantee: National Audubon Society

National Audubon Society will enhance 15 acres of habitat through educating and engaging 2,700 underrepresented people in habitat projects, creating a corridor of pockets of habitat in Southwest and West Philadelphia. The grantee and project partners will plant 1,500 trees and shrubs, remove invasive plants, enhance a riparian buffer along 1 mile of stream and engage community in stewardship of water resources. Project partners include the Philadelphia Water Department and Philadelphia Parks & Recreation, the Philadelphia Zoo, the U.S. Fish and Wildlife Service, John Heinz National Wildlife Refuge, William Penn Foundation and others. Project partners include New York City Parks, The New York Botanical Garden, Bronx Community Charter School, Bronx House and Bronx River Alliance.

Returning to the River:

Youth-Powered Scholarship on the Schuylkill (PA)

Grantee: John Bartram Association

John Bartram Association will advance wetland, riparian and coastal habitat restoration along a half-mile stretch of riverfront at the Schuylkill River, the city's only natural tidal wetlands. The grantee and project partners will provide community engagement, education and stewardship, including providing ten underserved youths with paid positions that involve water quality monitoring and stormwater management responsibilities. Project partners include Bartram's Garden, Philadelphia Waterborne, Drexel University and others.

McKinley Park:

The Urban Forest for Ecological Restoration, Education and Community Engagement (PA)

Grantee: Pittsburgh Parks Conservancy

Pittsburgh Parks Conservancy will complete a baseline survey of the diversity, distribution and health of 35 acres of woodland in McKinley Park, Pittsburgh, which will support the development of a forest map, a list of priorities and an ecological restoration plan. The grantee and project partners will include park-based environmental education experiences for children attending summer camp and hands-on training in tree identification, sampling, forest and ground layer restoration, and trail maintenance for high school students and adults in workforce development programs. Project partners include LandForce, Economic Development South, Saw Mill Run Watershed Association, Tree Pittsburgh, the City of Pittsburgh, UrbanKind, Voices Against Violence and others.

TENNESSEE

Wolf River Wetland Restoration (TN) – II

Grantee: Shelby Farms Park Conservancy

Shelby Farms Park Conservancy will execute Phase

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate

II of restoring the Wolf River at Shelby Farms Park in Memphis, Tennessee. The grantee will remove invasive Chinese privet by clearing 200 acres of privet and halt any regeneration of privet from the 216 acres cleared during Phase I of the Wolf River Restoration Program. The grantee and project partners will test another mode of invasive species management, strengthen partnerships and raise awareness in the community about the importance of protecting our watersheds and native species. Project partners include Alan Trently, Clean Memphis, Shelby Farms Park Conservancy, Local garden clubs and others.

TEXAS

Creating Learning Gardens to Grow Environmental Stewards in North Texas (TX)

Grantee: REAL School Gardens

REAL School Gardens will install three learning gardens at high-poverty elementary schools in the Dallas-Fort Worth area, which spans the Blackland Prairie and Cross Timbers and Prairies ecoregions. The grantee and project partners will will raise environmental awareness, restore native habitats for species like the monarch, anise swallowtail and gulf fritillary butterflies and conserve stormwater by bringing conservation education to non-traditional audiences, including high-poverty and minority communities. Project partners include high-poverty elementary school communities, school districts, and corporate partners like Redenta's and the United Way of Metropolitan Dallas.



Local youth help plant garden in Texas.

Lower Brays Bayou Riparian Restoration (TX)

Grantee: Houston Wilderness

Houston Wilderness will restore and enhance 15 acres of riparian corridor along and near Mason Park to improve essential riparian vegetation and the quality of water flowing into Houston's many waterways. The grantee and project partners will educate community members on the importance of stewardship, engage local population in watershed restoration through outreach, provide access to restored areas and install interpretative signage. Project partners include Houston Wilderness, Houston Urban Wildlife Refuge Partnership, Houston Parks & Recreation Natural Resource Management, Trees for Houston and others.

Buell Green Conservation/Restoration Program (TX)

Grantee: Buell Central

Buell Central will help conserve and restore 50 acres around the Rio Grande Watershed by planting native trees and plants such as Texas ebony and milkweeds zizotes at local schools, parks and around the communities of Pharr, Texas. The grantee and project partners will launch an Adopt-a-Park program for the City of Pharr's third to fifth grade students where students can learn about their native plants and habitats, the importance of conservation, restorative practices and skills, and the delicate balance in waterways. Project partners include students and school staff, Pharr Athletic League, Hidalgo County and others.



Volunteers observe new school garden at a local elementary school in Dallas, Texas.

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate



Volunteers plant tree saplings in Seattle Metropolitan Area.

WASHINGTON

Native Oyster Restoration:

Improving Water Quality and Habitat (WA)

Grantee: Puget Sound Restoration Fund

Puget Sound Restoration Fund will restore 5 acres of native Olympia oyster bed habitat in Washington's Dyes Inlet, where less than 5 percent of the original core population remain.

The grantee and project partners will produce and outplant 500,000 juvenile oysters and spread seeded cultch on private tidelands to engage and build stewardship among property owners through restoration action. Project partners include the Suquamish Tribe, Washington Department of Fish & Wildlife, The Burning Foundation, the National Oceanic and Atmospheric Administration, The Nature Conservancy and others.

Expanding an Urban Salt Marsh at Lopez Island (WA)

Grantee: Kwiaht: Center for the Historical Ecology of the Salish Sea

Kwiaht: Center for the Historical Ecology of the Salish Sea will enhance 10 acres of Weeks Wetland – critical habitat for shorebirds, migratory waterfowl and resting seabirds, and home to the county's only significant occurrence of the iconic wildflower *Sidalcea hendersonii*. The grantee and project partners will provide public access for birding and wildflower enjoyment, prepare final designs for the enhancement of habitat quality and remove invasive weeds. Project partners include Lopez High School, Lopez Chamber of Commerce, San Juan County Land Bank, San Juan County Public Works and others.

Prairies and Pollinators Program (WA)

Grantee: Thurston Conservation District

Thurston Conservation District will restore 54 acres of prairies in Thurston County, Washington inhabited by four federally-listed species, including the mazama pocket gopher, Oregon spotted frog, Taylor checkerspot butterfly, streaked horned lark and golden paintbrush. The grantee and project partners will engage students and other community members to restore prairies through the removal of invasive plants and disbursement of seeds. Project partners include North Thurston School District, Thurston Conservation District, Center for Natural Lands Management, Wolf Haven International, Washington Fish and Wildlife Office and others.

South Fork Dogfish Creek

Restoration through Centennial Park (WA)

Grantee: City of Poulsbo

The City of Poulsbo will improve stream ecology by building 600 feet of soft surface trails and restoring riparian habitat along 400 feet of Dogfish Creek, a steelhead salmon bearing stream that runs through Kitsap County. The grantee and project partners will remove invasive plant species, plant native plants and add public access and education to the area. Project partners include Western Washington University On the Peninsulas - Huxley College of the Environment, Poulsbo Tree Board, Suquamish Tribe, Poulsbo Garden Club and others.

SHADOW Lake Nature

Preserve Alder Grove Restoration (WA)

Grantee: Save Habitat And Diversity Of Wetlands

(continued)



NFWF

Five Star and Urban Waters Restoration Program 2017 Grant Slate

Save Habitat And Diversity Of Wetlands will restore 10 acres of forest at SHADOW Lake Nature Preserve which is adjacent to critical salmon-bearing waters feeding into the Puget Sound. The grantee and project partners will restore biodiversity and wildlife habitat, while increasing carbon storage and stormwater mitigation through invasive species removal, planting native species, enhancing biofiltration and increasing groundwater recharge. Project partners include USDA's Natural Resources Conservation Service Environmental Quality Incentives Program, the Green River Coalition, Friends of Soos Creek, King County Noxious Weeds and SoCoCulture.

Whatcom Stream Stewards Program: Engaging Community in Restoration, Education and Stewardship (WA)

Grantee: Nooksack Salmon Enhancement Association
Nooksack Salmon Enhancement Association will restore 15 acres of riparian habitat to improve water quality and habitat for Chinook salmon, bull trout and Steelhead salmon in the Puget Sound and Whatcom County. The grantee and project partners will engage five local resource management partners and 2,500 volunteers to plant 5,000 trees and remove 6 acres of invasive vegetation. Project partners include the Lummi Nation Natural Resources Department, the Whatcom Land Trust, the City of Bellingham Parks and Recreation Department, Western Washington University, American Forests and others.

WISCONSIN

Improving Habitat through Community Engagement in Milwaukee's Primary Environmental Corridor (WI)

Grantee: Urban Ecology Center
Urban Ecology Center will restore 38 acres by removing invasive plant species, revegetate hills to provide erosion control, perform a prescribed burn and educate the community about sustainable land stewardship practices. The grantee and project partners will engage 500 volunteers to help maintain the Milwaukee Rotary Centennial Arboretum as an urban oasis with diverse native Wisconsin plant communities. Project partners include New Horizons Charter School, Godfrey & Kahn, University of Wisconsin-Milwaukee, University of Wisconsin-Milwaukee Alumni Association, Baird and more.

Harbor District Five Star Habitat Hotels (WI)

Grantee: Harbor District
Harbor District will build, plant, install and monitor fish habitat along 9 miles of channelized urban shoreline for resident and migrating fish species, including lake sturgeon, large and smallmouth bass, channel and flathead catfish, yellow perch, lake trout and 33 other species. The grantee and project partners will engage low-income, inner-city

youth in Milwaukee to create submerged habitat features and planter baskets on steel bulkhead walls to provide forage opportunities and cover for fish species. Project partners include Bradley Tech High School, University of Wisconsin-Milwaukee School of Freshwater Sciences, Christ St. Peter School, Arts at Large, Milwaukee Riverkeeper and others.

New Berlin City Center Community Gathering Area and Wetland Ecology Trail (WI)

Grantee: City of New Berlin

The City of New Berlin will enlist more than 100 volunteers to remove trash, debris and invasive species from the bottom of Deer Creek, and to reestablish native prairie plantings to benefit resident birds, migratory songbirds, owls and waterfowl. The grantee and project partners will create a 1.13 mile interpretive ecological trail to educate the community about the local habitat and the importance of conserving the area. Project partners include Fed-Ex Smart Post, Wisconsin Waterfowl Association, New Berlin Ecology Club, the City of New Berlin, Boy Scouts Potawatomi Council, New Berlin Land Conservation and Ecology Association, and others.

North Branch Oconto River Coldwater Habitat Restoration (WI)

Grantee: Trout Unlimited

Trout Unlimited will restore the natural hydrologic conditions of 2.6 miles of the North Branch Oconto River through the removal of the remnants of three mill dams and the replacement of two road stream crossings. The grantee and project partners will improve water quality, water temperatures and physical habitat throughout and beyond the restored reach of river, improving aquatic ecosystem resiliency and habitat conditions for coldwater species including native brook trout. Project partners include Trout Unlimited, Nicolet Sportsmen Club, Friends of Wabeno, Forest County and others.

Habitat Restoration and Monitoring in the Bark and Scuppernong River Watersheds (WI)

Grantee: Waukesha County Land Conservancy

Waukesha County Land Conservancy will restore 150 acres of rare mussel, fish, herptile, and bird species habitat at the Bark and Scuppernong River Watersheds of southeastern Wisconsin. The grantee and partners will remove invasive species, plant native species to re-establish native natural communities and educate and engage the public on Waukesha County Land Conservancy's conservation activities. Project partners include Village of Hartland, Ice Age Trail Alliance, Arrowhead High School, La Casa de Esperanza, University of Wisconsin-Waukesha and more.